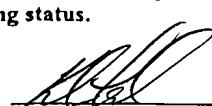


FORM PTO-1390 (REV 12-29-99)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER
				441P066
				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 09/807319
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				
INTERNATIONAL APPLICATION NO. PCT/JP99/05783	INTERNATIONAL FILING DATE 20 October 1999		PRIORITY DATE CLAIMED 22 October 1998	
TITLE OF INVENTION EXPLOSIVE COMPOSITION FOR FIREWORKS AND METHOD FOR MANUFACTURING THE SAME				
APPLICANT(S) FOR DO/EO/US Yoshiyuki Muneno and Toshio Matsuzawa				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</p> <p>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>				
Items 11. to 16. below concern document(s) or information included:				
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input checked="" type="checkbox"/> Other items or information: 1. Copy of the International Search Report; 2. Copy of Form PCT/IB/308; and 3. Copy of Form PCT/IB/304.</p>				

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 09/807319	INTERNATIONAL APPLICATION NO PCT/JP99/05783	ATTORNEY'S DOCKET NUMBER 441P066																																								
17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) : Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1,000 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$860 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$ 710 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$ 690 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100		CALCULATIONS PTO USE ONLY																																								
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 860.00																																								
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$ 130.00																																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>15 - 20 =</td> <td>0</td> <td>x \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>3 - 3 =</td> <td>0</td> <td>x \$80.00</td> </tr> <tr> <td colspan="2" style="text-align: right;">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td></td> <td>+\$270.00</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="text-align: center;">\$ 1,260.00</td> </tr> <tr> <td colspan="2" style="text-align: right;">Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).</td> <td style="text-align: center;">\$ -</td> </tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL =</td> <td style="text-align: center;">\$ 1,260.00</td> </tr> <tr> <td colspan="2" style="text-align: right;">Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td style="text-align: center;">\$ -</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL NATIONAL FEE =</td> <td style="text-align: center;">\$ 1,260.00</td> </tr> <tr> <td colspan="2" style="text-align: right;">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> <td style="text-align: center;">\$ -</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL FEES ENCLOSED =</td> <td style="text-align: center;">\$ 1,260.00</td> </tr> <tr> <td colspan="2" style="text-align: right; vertical-align: bottom;"> <input type="checkbox"/> Amount to be: <input checked="" type="checkbox"/> refunded <input type="checkbox"/> charged </td> <td style="text-align: center;">\$</td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	15 - 20 =	0	x \$18.00	Independent claims	3 - 3 =	0	x \$80.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+\$270.00	TOTAL OF ABOVE CALCULATIONS =		\$ 1,260.00	Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).		\$ -	SUBTOTAL =		\$ 1,260.00	Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$ -	TOTAL NATIONAL FEE =		\$ 1,260.00	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$ -	TOTAL FEES ENCLOSED =		\$ 1,260.00	<input type="checkbox"/> Amount to be: <input checked="" type="checkbox"/> refunded <input type="checkbox"/> charged		\$	\$
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																																							
Total claims	15 - 20 =	0	x \$18.00																																							
Independent claims	3 - 3 =	0	x \$80.00																																							
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+\$270.00																																							
TOTAL OF ABOVE CALCULATIONS =		\$ 1,260.00																																								
Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).		\$ -																																								
SUBTOTAL =		\$ 1,260.00																																								
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$ -																																								
TOTAL NATIONAL FEE =		\$ 1,260.00																																								
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$ -																																								
TOTAL FEES ENCLOSED =		\$ 1,260.00																																								
<input type="checkbox"/> Amount to be: <input checked="" type="checkbox"/> refunded <input type="checkbox"/> charged		\$																																								
a. <input checked="" type="checkbox"/> A check in the amount of <u>\$ 1,260.00</u> to cover the above fees is enclosed.																																										
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.																																										
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>14-0930</u> . A duplicate copy of this sheet is enclosed.																																										
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.																																										
SEND ALL CORRESPONDENCE TO: <div style="text-align: right; margin-right: 100px;">  SIGNATURE: Kevin S. Lemack NAME 32,579 REGISTRATION NUMBER </div>																																										

09/807319

JCL Rec'd PCT/PTO 11 APR 2001

Attorney Docket No. 441P066

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Yoshiyuki Muneno and Toshi Matsuzawa

For: **EXPLOSIVE COMPOSITION FOR FIREWORKS AND METHOD FOR MANUFACTURING THE SAME**

Assistant Commissioner of Patents and Trademarks

Box: PCT

Washington, D.C. 20231

Sir:

LETTER

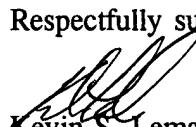
The above-identified applicants enclose for filing the national phase of a PCT patent application (PCT/JP99/05783) entitled "**EXPLOSIVE COMPOSITION FOR FIREWORKS AND METHOD FOR MANUFACTURING THE SAME**". Said attached PCT patent application includes (1) Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (2-Pages)(in duplicate); (2) Translation of the International Application into English: 20-Page Specification (including 2-Pages of Claims (12) and 1-Page Abstract); (3) Check in the amount of \$1,260.00 in payment of the Filing Fee; (4) Copy of the International Search Report (3-pages); (5) Copy of the Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (Form PCT/IB/308)(1-Page); and (6) Copy of the Notification Concerning Submission of Priority Documents (Form PCT/IB/304)(1-Page).

The executed Declaration will be submitted in due course.

All correspondence concerning this application should be mailed to:

Kevin S. Lemack
Nields & Lemack
176 E. Main Street - Suite 8
Westboro, Massachusetts 01581

Respectfully submitted,


Kevin S. Lemack
Attorney for Applicant
Registration No. 32,579

Date: April 11, 2001

09/807319
JU Rec'd PCT/PTO 11 APR 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Yoshiyuki Muneno, et al.
Serial No. : Not yet assigned (PCT/JP99/05783)
Filed : Herewith By Express Mail (20 October 1999)
For : EXPLOSIVE COMPOSITION FOR FIREWORKS AND METHOD
FOR MANUFACTURING THE SAME
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 441P066
Type of paper : **Translation of the International Application into English**

"EXPRESS MAIL" MAILING LABEL NO. EI724599821US
DATE OF DEPOSIT: April 11, 2001

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Assistant Commissioner of Patents and Trademarks, **BOX: PCT**, Washington, D.C. 20231.

Ann Marie Mahan
Name of person mailing paper or fee

Ann Marie Mahan
Signature of person mailing paper or fee

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Yoshiyuki Muneno, et al.
Serial No. : Not yet assigned (PCT/JP99/05783)
Filed : Herewith By Express Mail (20 October 1999)
For : EXPLOSIVE COMPOSITION FOR FIREWORKS AND METHOD
FOR MANUFACTURING THE SAME
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 441P066
Type of paper : Letter

"EXPRESS MAIL" MAILING LABEL NO. EI724599821US
DATE OF DEPOSIT: April 11, 2001

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Assistant Commissioner of Patents and Trademarks, **BOX: PCT**, Washington, D.C. 20231.

Ann Marie Mahan
Name of person mailing paper or fee

Ann Marie Mahan
Signature of person mailing paper or fee

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Yoshiyuki Muneno, et al.
Serial No. : Not yet assigned (PCT/JP99/05783)
Filed : Herewith By Express Mail (20 October 1999)
For : EXPLOSIVE COMPOSITION FOR FIREWORKS AND METHOD
FOR MANUFACTURING THE SAME
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 441P066
Type of paper : **Filing Fee**

"EXPRESS MAIL" MAILING LABEL NO. EI724599821US
DATE OF DEPOSIT: April 11, 2001

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Assistant Commissioner of Patents and Trademarks, **BOX: PCT**, Washington, D.C. 20231.

Ann Marie Mahan
Name of person mailing paper or fee

Ann Marie Mahan
Signature of person mailing paper or fee

09/807319
Rec'd PCT/PTO 11 APR 2001

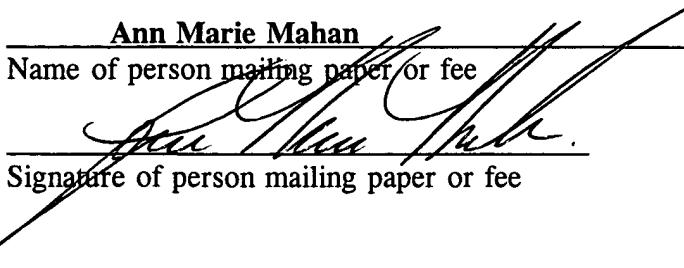
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Yoshiyuki Muneno, et al.
Serial No. : Not yet assigned (PCT/JP99/05783)
Filed : Herewith By Express Mail (20 October 1999)
For : EXPLOSIVE COMPOSITION FOR FIREWORKS AND METHOD
FOR MANUFACTURING THE SAME
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 441P066
Type of paper : **Transmittal Letter to the United States Designated/Elected Office
(DO/EO/US) Concerning a Filing Under 35 U.S.C. 371**

"EXPRESS MAIL" MAILING LABEL NO. EI724599821US
DATE OF DEPOSIT: April 11, 2001

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Assistant Commissioner of Patents and Trademarks, **BOX: PCT**, Washington, D.C. 20231.

Ann Marie Mahan
Name of person mailing paper or fee


Signature of person mailing paper or fee

09/807319
JU Rec'd PCT/PTO 11 APR 2001

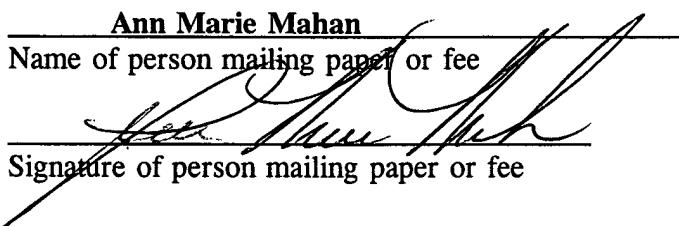
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Yoshiyuki Muneno, et al.
Serial No. : Not yet assigned (PCT/JP99/05783)
Filed : Herewith By Express Mail (20 October 1999)
For : EXPLOSIVE COMPOSITION FOR FIREWORKS AND METHOD
FOR MANUFACTURING THE SAME
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 441P066
Type of paper : **Copy of the Notification Concerning Submission of Priority
Document (Form PCT/IB/304)**

"EXPRESS MAIL" MAILING LABEL NO. EI724599821US
DATE OF DEPOSIT: April 11, 2001

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Assistant Commissioner of Patents and Trademarks, **BOX: PCT**, Washington, D.C. 20231.

Ann Marie Mahan
Name of person mailing paper or fee


Signature of person mailing paper or fee

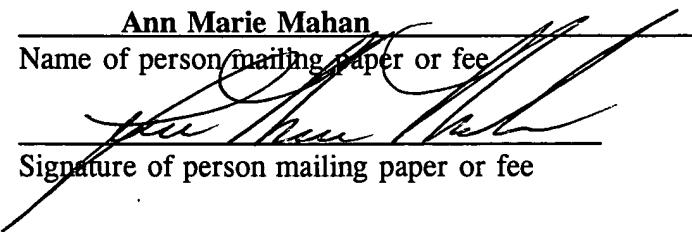
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Yoshiyuki Muneno, et al.
Serial No. : Not yet assigned (PCT/JP99/05783)
Filed : Herewith By Express Mail (20 October 1999)
For : EXPLOSIVE COMPOSITION FOR FIREWORKS AND METHOD
FOR MANUFACTURING THE SAME
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 441P066
Type of paper : **Copy of the Notice Informing the Applicant of the Communication
of the International Application to the Designated Offices
(Form PCT/IB/308)**

"EXPRESS MAIL" MAILING LABEL NO. EI724599821US

DATE OF DEPOSIT: April 11, 2001

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Assistant Commissioner of Patents and Trademarks, **BOX: PCT**, Washington, D.C. 20231.

Ann Marie Mahan
Name of person mailing paper or fee

Signature of person mailing paper or fee

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Yoshiyuki Muneno, et al.
Serial No. : Not yet assigned (PCT/JP99/05783)
Filed : Herewith By Express Mail (20 October 1999)
For : EXPLOSIVE COMPOSITION FOR FIREWORKS AND METHOD
FOR MANUFACTURING THE SAME
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 441P066
Type of paper : **Copy of the International Search Report**

"EXPRESS MAIL" MAILING LABEL NO. EI724599821US

DATE OF DEPOSIT: April 11, 2001

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Assistant Commissioner of Patents and Trademarks, **BOX: PCT**, Washington, D.C. 20231.

Ann Marie Mahan

Name of person mailing paper or fee

Ann Marie Mahan

Signature of person mailing paper or fee